| Index of Claims                                  |          |             |           |              |                     |             |           |          |             |            |           |          | Application and its. |          |                |            |                 |                 |           |                |          | Reexamination |                       |              |         |          |              |                    |              |          |   |  |
|--|----------|-------------|-----------|--------------|---------------------|-------------|-----------|----------|-------------|------------|-----------|----------|----------------------|----------|----------------|------------|-----------------|-----------------|-----------|----------------|----------|---------------|-----------------------|--------------|---------|----------|--------------|--------------------|--------------|----------|---|--|
| ! !!   |          |             |           |              |                     |             |           |          |             |            |           |          | 10/735,963           |          |                |            |                 |                 |           |                |          |               | SORENSEN ET AL.       |              |         |          |              |                    |              |          |   |  |
|  |          |             |           |              |                     |             |           |          |             |            |           |          |                      | Examiner |                |            |                 |                 |           |                |          |               | Art Unit              |              |         |          |              |                    |              |          |   |  |
|  |          |             |           |              |                     |             |           |          |             |            |           |          |                      |          | Celia Chang    |            |                 |                 |           |                |          |               |                       | 4605         |         |          |              |                    |              |          |   |  |
| <br>   |          |             |           |              |                     |             |           |          |             |            |           |          |                      | Ce       | ııa (          | اار        | ang             |                 |           |                |          |               | 10                    | 1625         |         |          |              |                    |              |          | _ |  |
| / Rejected (Through numeral)                     |          |             |           |              |                     |             |           |          |             |            |           |          |                      |          | ٦              | Г          |                 |                 |           |                | 1        | П             |                       |              |         |          | $\neg$       |                    |              |          |   |  |
|  |          | √           | / Reject  |              |                     | ed          |           |          | -           | ,,         | Cancelled |          |                      | 1        | "'             |            | N               | N               | Non-Elect |                |          | ed            | A                     | Appeal       |         |          | - }          |                    |              |          |   |  |
|  |          |             |           |              |                     |             |           | H        |             | Restricted |           |          |                      |          | 1              | I.         | <u> </u>        | Interferen      |           |                |          | 0             |                       |              |         |          |              |                    |              |          |   |  |
|  |          | =           | Allowed   |              |                     |             |           | ÷        |             | Re         | estri     | ctec     | 1                    |          |                |            | Ir              |                 |           |                | ce       |               | Objected              |              |         |          |              |                    |              |          |   |  |
|  |          | _           | Deta      |              |                     |             |           |          |             |            |           |          |                      |          |                |            |                 |                 |           |                |          |               |                       |              |         |          |              | _                  |              |          |   |  |
| Cla  | aim<br>I | ┝           | Date      |              |                     |             | •         |          |             | -          | Claim     |          | +                    |          |                | Dat        | e               | <del></del>     |           | Claim          |          | -             | Date I I I            |              |         | т        |              | -                  |              |          |   |  |
| Final  | Original | 2/6/06      |           |              |                     |             |           |          |             |            | Final     | Original |                      |          |                |            |                 |                 |           |                | Final    | Original      |                       | -            | ł       | 1        |              |                    |              |          |   |  |
| 這  | Origi    | 2/6         |           | l            |                     |             |           |          |             |            | iĒ        | Origin   |                      |          |                |            |                 |                 |           |                | Fir      | Orig          |                       |              |         |          |              |                    |              |          |   |  |
|  | 1        | V           | $\dashv$  | $\dashv$     | $\dashv$            | $\dashv$    | $\dashv$  | $\dashv$ | -           | $\dashv$   | -         | <u> </u> | V                    | $\dashv$ | +              | ╁          | -               | H               | $\dashv$  | ┥╏             |          | 101           | Н                     | +            | +       | ╁        | H            | Н                  | +            | -        |   |  |
|  | 2        | Ĺ           |           |              | コ                   | $\Box$      |           |          |             |            |           | 52       | V                    |          |                |            |                 |                 |           | <b>]</b>       |          | 102           |                       | 士            |         | L        |              | 廿                  | 1            | <u> </u> |   |  |
|  | 3        | ╨           | 4         | $\dashv$     | _                   | 4           | 4         | 4        | 4           | 4          | <u> </u>  | 53<br>54 | N                    | $\dashv$ | - -            | 4-         | L               | $\vdash \vdash$ | - -       |                |          | 103<br>104    | $\square$             | 4            | $\perp$ | 1        | <u> </u>     | Н                  | $\perp$      | 4        |   |  |
|  | 5        | ╫           |           | $\dashv$     | $\dashv$            | $\dashv$    | $\dashv$  | $\neg$   |             |            | -         | 55       | HH                   | -        | +              | +          | H               | H               | $\dashv$  | ┪╽             |          | 104           | Н                     | +            | +       | +        | ┢            | ╁┼                 | ╌┼╴          | ┨        |   |  |
|  | 6        | Ш           |           | $\exists$    |                     |             |           |          |             |            |           | 56       | Ш                    | $\Box$   |                | 上          |                 |                 |           | <b>ゴ</b>       |          | 106           |                       |              |         |          |              |                    |              |          |   |  |
|  | 8        | Н           |           | -            | $\dashv$            |             |           | -        | $\dashv$    |            |           | 57<br>58 | Н                    | _        | +              | +          | H               | H               | -         | -{ }           |          | 107<br>108    | $\vdash$              | +            | +       | +        | $\vdash$     | $\sqcup$           | - -          | -{       |   |  |
| <del>                                     </del> | 9        | Ш           |           | $\dashv$     | ┪                   | $\dashv$    |           |          | _           | $\dashv$   | $\vdash$  | 59       | Н                    | 寸        | +              | +          | H               | H               | $\dashv$  | <b>-1</b>      |          | 109           | H                     | +            | +       | +        | -            | $\vdash$           | +            | ┪        |   |  |
|  | 10       | Ш           |           |              | $\Box$              | $\Box$      |           |          | $\exists$   | $\Box$     |           | 60       | Ш                    |          |                |            |                 |                 | #         | <b>기</b>       |          | 110           |                       | 1            |         |          |              |                    | $\perp$      | ]        |   |  |
|  | 11       | ₩           | $\dashv$  | $\dashv$     |                     | $\dashv$    | $\dashv$  | ᅱ        | $\dashv$    | $\dashv$   | -         | 61<br>62 | H                    | -+       | +              | ╀          |                 | ${\mathbb H}$   | +         | -              |          | 111<br>112    | $\vdash$              | $\dashv$     | 4-      | +        | ┞            | ₩                  |              | 4        |   |  |
|  | 13       |             |           | $\dashv$     | Ħ                   | ┪           |           | ┪        |             | _          |           | 63       | N                    | 7        | +              | +          |                 | H               | $\top$    | ┪╏             |          | 113           | H                     | ╁            | +       | +        | $\vdash$     | $\vdash \vdash$    | +            | ┨        |   |  |
|  | 14       | П           | $\Box$    | $\dashv$     | 4                   | $\exists$   | $\Box$    |          | $\Box$      | $\Box$     |           | 64       |                      |          | 1              | $\perp$    |                 | $\Box$          | $\Box$    | ] [            |          | 114           |                       | $\bot$       |         |          |              | П                  |              | ]        |   |  |
|  | 15<br>16 | Н           | $\dashv$  | $\dashv$     | $\dashv$            | $\dashv$    | $\dashv$  | $\dashv$ | $\dashv$    | {          | <u> </u>  | 65<br>66 | $\vdash$             | $\dashv$ | +              | ╁          | Н               | Н               | +         | -              |          | 115<br>116    | ┝╌┼                   | +            | +       | ╁        | ├            | ╟┼                 | -            | 4        |   |  |
|  | 17       | Ш           |           |              |                     |             |           |          |             |            |           | 67       |                      |          | 土              |            |                 |                 |           | j t            |          | 117           |                       |              |         | t        |              | Ħ                  | 1            | _        |   |  |
|  | 18<br>19 | Ш           | 4         | $\dashv$     | 4                   | $\dashv$    | 4         |          | -           | 4          | -         | 68<br>69 | Н                    |          | 4              |            | _               | Щ               | +         | ┦╏             |          | 118           | $\vdash$              | _            | $\bot$  | ļ        | L            | $\sqcup$           | _            | 4        |   |  |
|  | 20       | Н           | -         | $\dashv$     | 1                   | -           | ᅱ         | ᅥ        | ┪           | ┥          | <u> </u>  | 70       | Н                    | -        | +              | +          |                 | $\dashv$        | +         | ┨╏             |          | 119<br>120    | $\vdash$              | +            | ╁       | ╁╴       | ┢            | H                  |              | ┨        |   |  |
|  | 21       | Ш           |           | $\Box$       |                     |             | $\Box$    |          |             | コ          |           | 71       |                      |          | 丁              |            |                 |                 |           | <b>ゴ</b> [     |          | 121           |                       |              |         | 匚        |              | 口                  |              | ]        |   |  |
| <u> </u>   | 22       | Н           | $\dashv$  | $\dashv$     | $\dashv$            | $\dashv$    |           | $\dashv$ | $\dashv$    | 4          |           | 72<br>73 | H                    | -        | +              | ╁          | Н               | $\dashv$        | +         | ┨╏             |          | 122<br>123    | $\vdash$              | -            | +       | ╀        | ▙            | $\vdash \vdash$    | - -          | -        |   |  |
|  | 24       | Ш           |           |              |                     |             |           |          | $\exists$   | _          |           | 74       | H                    | 7        | 1              | ╁          | H               | -               | $\dashv$  | <b>-</b>       |          | 124           | $\vdash$              | +            | +       | ╁        | ┢            | $\vdash$           | +            | -        |   |  |
|  | 25       | Ш           | $\exists$ | $\dashv$     | _                   | _           | $\Box$    | _        | $\Box$      |            |           | 75       |                      | $\Box$   | $\blacksquare$ | lacksquare |                 |                 |           | <b>]</b> [     |          | 125           | $\Box$                | $\Box$       | 1       |          |              | П                  | $\bot$       | ]        |   |  |
|  | 26<br>27 | Н           | -         | +            | $\dashv$            | $\dashv$    |           | $\dashv$ | $\dashv$    | $\dashv$   | -         | 76<br>77 | $\vdash$             | $\dashv$ | +              | +          | $\vdash$        | $\dashv$        | +         | ┨╏             |          | 126<br>127    | ${oldsymbol{ecture}}$ | +            | +       | +        | $\vdash$     | $\vdash \vdash$    | +            | $\dashv$ |   |  |
|  | 28       | Ш           | コ         | $\perp$      |                     | 1           |           | ╛        | 寸           |            |           | 78       | 口                    | 士        |                |            |                 |                 | 士         | <u> </u>       |          | 128           |                       | 士            | 士       |          |              | 廿                  | 士            | 1        |   |  |
|  | 29<br>30 | H           | _[        | 4            | 4                   | [           | 4         | $\dashv$ | $\dashv$    | 4          |           | 79       | $\Box$               | 4        | $\perp$        | $\perp$    | П               | П               | $\bot$    | <u> </u>       |          | 129           | П                     | $\bot$       |         | F        | $\Box$       | $\Box$             | $\perp$      | ]        |   |  |
|  | 31       | HH          | $\dashv$  | +            | $\dashv$            | $\dashv$    | $\dashv$  | $\dashv$ | $\dashv$    | $\dashv$   | -         | 80<br>81 | $\vdash \vdash$      | $\dashv$ | +              | +          | Н               | $\vdash \vdash$ | $\dashv$  | ┪╏             |          | 130<br>131    | $\vdash$              | +            | +       | ╁        | $\vdash$     | $\vdash$           | +            | -        |   |  |
|  | 32       | Ш           | コ         | ightharpoons | $\exists$           | $\sqsupset$ | $\Box$    |          | $\sqsupset$ | $\exists$  |           | 82       |                      | $\Box$   | 土              |            |                 |                 | 士         | ן <u>ו</u>     |          | 132           |                       | 土            | 士       |          |              |                    |              | ]        |   |  |
|  | 33<br>34 | H           | 4         | +            |                     | +           | -         | $\dashv$ | 4           | $\dashv$   |           | 83<br>84 | $  \cdot  $          | 4        | +              | +          | Н               | $\dashv$        | $\dashv$  | -              |          | 133<br>134    | -                     | 1            | 1       | F        | $oxed{\Box}$ | $\perp \downarrow$ | 4            | 4        |   |  |
|  | 35       | H           | $\dashv$  | +            | $\dashv$            | $\dashv$    | $\dashv$  | $\dashv$ | $\dashv$    | $\dashv$   |           | 85       | H                    | +        | +              | +          | H               | $\vdash \vdash$ | +         | ┨┞             |          | 134           | $\vdash$              | +            | +       | +        | $\vdash$     | $\dashv$           | +            | -        |   |  |
|  | 36       | Ш           | $\Box$    | $\dashv$     | $\rightrightarrows$ | コ           |           | $\Box$   | $\Box$      | $\exists$  |           | 86       |                      | コ        | 工              |            | П               |                 | $\perp$   | ] [            |          | 136           |                       | ightharpoons | $\perp$ |          |              |                    | 土            |          |   |  |
|  | 37<br>38 | HH          | $\dashv$  | +            | $\dashv$            | +           | $\dashv$  | $\dashv$ | +           | $\dashv$   | <u> </u>  | 87<br>88 | $\vdash \mid$        | 4        | +              | +          | Н               | $\dashv$        | 4         | 4              |          | 137<br>138    | -                     | +            | +-      | H        | $\vdash$     | $-\Gamma$          | +            | 4        |   |  |
|  | 39       | $  \cdot  $ | _         | _            | _                   | +           | $\dashv$  | $\dashv$ | $\dashv$    | $\dashv$   | <u> </u>  | 89       | $\forall$            | 十        | 十              | +          | H               | H               | +         | ┪┟             | $\dashv$ | 139           | $\vdash \vdash$       | +            | +       | $\vdash$ | $\vdash$     | +                  | +            | +        |   |  |
|  | 40       | Ш           | $\Box$    | $\dashv$     | $\exists$           | $\sqsupset$ | $\Box$    | $\Box$   | $\dashv$    |            |           | 90       | $\square$            | $\Box$   | $\bot$         | I          | 口               |                 | $\Box$    | ] [            |          | 140           | 口                     | #            |         |          | $\Box$       | コ                  | $\downarrow$ |          |   |  |
|  | 41<br>42 | H           | $\dashv$  | +            | +                   | $\dashv$    | $\dashv$  | -        | $\dashv$    | $\dashv$   | -         | 91<br>92 | $\dashv$             | $\dashv$ | +              | +          | Н               | $\dashv$        | +         | ┨┞             | $\dashv$ | 141           | $\dashv$              | +            | +       | ╀        | $\vdash$     | $\dashv$           | 4-           | -        |   |  |
|  | 43       | Ш           |           | 士            | ╛                   | コ           | $\exists$ | _        | $\exists$   | $\exists$  |           | 93       | H                    | _        | 士              | 1          | H               | _               | _         | Ⅎ <sup>ト</sup> |          | 143           |                       | +            | +       | T        | $\vdash$     | -                  | +            | 1        |   |  |
|  | 44       | Щ           | $\dashv$  | Ţ            | Ţ                   | 4           | $\Box$    | $\dashv$ | 7           | $\Box$     |           | 94       | П                    | $\dashv$ | T              | $\Box$     | П               |                 |           | ] [            |          | 144           | $\Box$                | 1            | I       |          |              | $\Box$             | $\downarrow$ | ]        |   |  |
|  | 45<br>46 | У<br>О      | +         | +            | $\dashv$            | +           | $\dashv$  | $\dashv$ | $\dashv$    | $\dashv$   | -         | 95<br>96 | ${\mathbb H}$        | $\dashv$ | +              | $\vdash$   | $\vdash$        | $\dashv$        | +         | ┨┞             | -        | 145<br>146    | $\dashv$              | +            | +       | -        | Н            | +                  | +            | 4        |   |  |
|  | 47       | 0           | コ         | 士            | 1                   | 1           | コ         | コ        | 1           | コ          |           | 97       |                      |          | 土              |            |                 |                 | 士         | <b>]</b> [     |          | 147           | 士                     | 士            | 士       |          |              |                    | 士            | 1        |   |  |
|  | 48<br>49 | 00          | $\dashv$  | +            | $\dashv$            | $\dashv$    | $\dashv$  | $\dashv$ | +           | 4          |           | 98<br>99 | $\dashv$             | 4        | -              | $\perp$    | Щ               | $\dashv$        | $\bot$    | ┦ [            |          | 148           | $\dashv$              | Ŧ            | +       | F        | Н            | $-\Gamma$          | Ŧ            | -        |   |  |
|  | 50       | V           | _         | _+           | _†                  | _+          | _+        | _        | +           | $\dashv$   |           | 100      | -                    | $\dashv$ | +              | +          | $\vdash \vdash$ | $\dashv$        | +         | ┨╏             | -        | 149<br>150    | $\dashv$              | +            | +       | $\vdash$ | Н            | +                  | +            | ┨        |   |  |
|  |          |             |           |              | _                   |             |           | _        | _           |            | -         |          |                      |          |                |            |                 |                 |           |                |          |               |                       |              |         |          |              |                    |              |          |   |  |

Application/Control No.

Applicant(s)/Patent under Reexamination